

**RICKY RIDDLE**  
SHERIFF OF CLINTON COUNTY  
100 S. CROSS STREET  
ALBANY, KY 42602  
PHONE: 606-387-5111  
FAX: 606-387-5463

## FACSIMILE TRANSMITTAL SHEET

TO: Debra Hurst FROM: Deborah Brown  
COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FAX NUMBER: 931-432-6952 TOTAL NO. OF PAGES INCLUDING COVER: 9  
PHONE NUMBER: \_\_\_\_\_ SENDER'S REFERENCE NUMBER: \_\_\_\_\_  
RE: Brown Family Farms YOUR REFERENCE NUMBER: \_\_\_\_\_  
☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Attached is our response to  
your Compliance Inspection  
letter. If you have any questions  
please give me a call at 606-688-0709.

Thanks,  
Debbie

Michael and Deborah Brown  
Brown Family Farms  
301 Rich Lane  
Pall Mall, TN 38577

March 3, 2014

Mr. Johnny Walker  
State of Tennessee  
Dept. of Environment and Conservation  
Cookeville Environmental Field Office  
Division of Water Resources  
1221 South Willow Avenue  
Cookeville, TN 38506

Re: Compliance Inspection Letter  
Brown Family Farms – SOPC00084  
Pickett County, TN

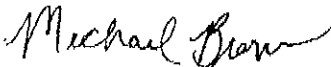
Dear Sir,

In response to your recent compliance inspection and subsequent letter, I am enclosing copies of: 1) our litter analysis; 2) soil test; 3) copy of our litter distribution records; 4) settlement sheet showing last flock's mortality; 5) most recent month's rainfall data; and 6) waterline and litter shed inspection log. I have also enclosed a copy of the letter/annual report that I am sending to Nashville. I was unable to find a specific form to fill out so I wrote out my required information in letter form and sent to them.

Also, please update our mailing address to: 301 Rich Lane, Pall Mall, TN 38577. (Apparently this letter has been bouncing around the postal service for a while because we just received it.)

If by chance I've missed something please give me a call at (606) 688-1652.

Sincerely,



Michael Brown

Cc: Greta Hurst

#1

**Manure Test Report**

**University of Kentucky  
Division of Regulatory Services**

**CLINTON County Extension Office**

**Owner**

Mike Brown

301 Rich Ln.

Pall Mall

TN 38577

606-688-1652

**Sample Identification**

UK Lab No

County Code

90180

53

County ID

Owner ID

284

0001

Received

Reported

4/8/2013

4/19/2013

**Manure Type:**

Poultry

Solid

**Nutrient Results**

(in lbs/ton as received)

**% Moisture**

N 59

Zn 0.6

37

P2O5 57

Cu 0.81

K2O 47

Mn 0.62

Ca 40

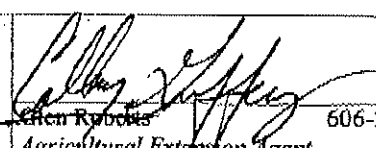
Mg 9

equivalent fertilizer grade assuming  
50%, 80%, and 100% of N, P2O5, and  
K2O are available:

1.5 - 2.3 - 2.4  
N P K / 100 lbs

  
Extension Agent

Information on land applying manure can be found in UK Extension publications ID-123, AGR-146 and 146A (poultry litter), and ASC-80 (swine manure).

<b>From:</b> Clinton County Extension Office 2601 North Hwy 127 Albany, KY 42602		<b>UK COOPERATIVE EXTENSION SERVICE</b> University of Kentucky - College of Agriculture		<b>Soil Test Report</b> Lexington 859-257-2785 Princeton 270-365-7641 www.rs.uky.edu/soils				
<b>COUNTY SAMPLE NO.:</b> 0263		<b>To:</b> Brown, Mike 301 Rich Lane Pall Mall, TN 38577		 Mike Brown Agricultural Extension Agent 606-387-5404				
<b>REPORT FORM:</b> A								
<b>Date:</b> 2/13/14	<b>Owner Sample ID:</b> TB-1	<b>Owner ID:</b> 30	<b>County Code:</b> 53	<b>UK Lab NO.:</b> 11889				
<b>Nutrient</b>	<b>Lab Results</b>	<b>Level of Adequacy</b> Very Low   Low   Medium   High   Very High				<b>Calculated CEC Data</b>		
Phosphorus (P)	258	=====				CEC (meg/100g): 17		
Potassium (K)	470	=====				%Base Sat.: 81		
Soil pH	6.8					%K.: 3		
Buffer pH	7.1					%Ca.: 72		
Calcium (Ca)	5031					%Mg.: 6		
Magnesium (Mg)	252	=====				%H.: 18		
Zinc (Zn)	7.1							
Other Test								
Acres	Primary Crop	Primary Management	Primary Use	Previous Crop	Previous Management	Previous Use	Crop 2 Years Ago Tobacco	Soil Drainage
18	Fescue	Annual Top Dressing	Hay	Fescue	Hay or Pasture > 4yrs.			Well Drained
<b>RECOMMENDATIONS:</b>		N	P2O5	K2O	LIME	Mg	Zn	
		see comments below	None	None	None	None	None	None

606-688-0709 Feb 15 - Mar 15 100 lbs N/A = 210 lbs/A of 46-0-0 UREA  
 May 1 - 15 50 lbs N/A = 140 lbs/A of 34-0-0 Ammonium Nitrate  
 Aug 1 - 15 80 lbs N/A = 280 lbs/A of 34-0-0 Ammonium Nitrate

**COMMENTS:**

Mehlich III used for P, K, Ca, Mg, and Zn (lbs/acre). Crop response is highly probable with Very Low or Low soil levels, slight with Medium, and not likely with High or Very High. N, P2O5, K2O, Mg, and Zn recommendations are based on lbs of the nutrient. Fertilizer needed will depend on nutrient content in the fertilizer. Soil pH is calculated from 1 M KCl soil pH using: 0.91 x 1 M KCl soil pH + 1.34. 1 M KCl soil pH and Sikora II buffer pH are used for determining lime needs based on 100% effective lime. Lime quality in KY is defined by relative neutralizing value (RNV). RNVs for ag lime are determined by the KY Dept of Ag and are on the internet (publications at soils.rs.uky.edu).

TETANY PROBLEMS with cattle are sometimes encountered on straight grass pastures, particularly with nursing cows where grass pasture is the only source of feed. SUPPLEMENTAL FEEDING OF MAGNESIUM to nursing cows on such fields is recommended as a means of lowering tetany risks.

SCHEDULE FOR N: Feb 15 to Mar 15 apply up to 100 lb/ac N; May 1 to 15 apply up to 50 lb/ac N; Aug 1 to 15 apply up to 80 lb/ac N. When P and K are adequate (>30 - P and >200 - K) the use of nitrogen stimulates growth during peak production. 200 lbs N/acre may produce up to 4 tons of dry matter.

All the commonly used N sources are acceptable for topdressing grasses during late winter-early spring. After early May urea may be less effective. Efficiency of liquid nitrogen is between that of urea and ammonium nitrate.

For additional information, ask your local Extension Office for the publications AGR-59 "Tall Fescue" and AGR-108 "Tall Fescue in Kentucky".

For additional information, ask your local Extension Office for the publication, AGR-162 "Stockpiling for Fall and Winter Pasture".

UK Forage publications can be found at the website <http://www.uky.edu/Ag/Forage/ForagePublications.htm> and variety trial information can be found at <http://www.uky.edu/Ag/Forage/ForageVarietyTrials2.htm>

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#3

2013  
APPENDIX CNames of Persons and/or Firms that Remove Litter, Manure  
and/or Process Wastewater from an AFO

Name: Ky Farm m Brown  
Address: Albany  
Phone No.:  
Tons Removed: 7  
Date: Spring

Name: Feederick Honeycutt  
Address: Albany  
Phone No.:  
Tons Removed: 105  
Date: Fall

Name: Kevin Moore  
Address: Albany  
Phone No.:  
Tons Removed: 24  
Date: Spring

Name: Bill Brown  
Address: Albany  
Phone No.:  
Tons Removed: 96  
Date: Fall

Name: Chris Goodman  
Address: Albany  
Phone No.:  
Tons Removed: 14  
Date: Spring

Name: Chris Goodman  
Address: Albany  
Phone No.:  
Tons Removed: 74  
Date: Fall

Name: David Honeycutt  
Address: Albany  
Phone No.:  
Tons Removed: 24  
Date: Fall

Name:  
Address:  
Phone No.:  
Tons Removed:  
Date:

Name: Randall Harlan  
Address: Albany  
Phone No.:  
Tons Removed: 105  
Date: Fall

Name:  
Address:  
Phone No.:  
Tons Removed:  
Date:

C-1

total 560 ton

#4

RSETTLE: SETTLEMENT ~ p.11 01/14/14 02:09p

KEYSTONE FOODS LLC  
 Broiler Project Report  
 Week ending: 01/12/14

Grower: 5036-1305 BROWN, MICHAEL BROWN FAMILY FARM

Date Placed	Date Sold	Plant	Head	Gross Lbs
11/18/13	01/10/14	al	1,290	9,792
11/18/13	01/10/14	al	81,064	582,608
Sub Total:			82,354	592,400
Condemn Parts/Lbs:			346	2,485
Totals:			82,072	589,915

Head Placed	Head Sold	Feed Cons.	Age	% Mort	% Cond	Avg Wt	Feed Conv.	Calories
84,800	82,354	1,161,120	53.000	2.884	0.42	7.193	1.960	2,824

24 46 head

## Processing Plant Report:

Condemned:	Leuc	Sept	Syn	Tum	Bru	Air	Ip	Ascites	Parts	Total
Head:	0	188	0	8	0	70	16	0	64	346
Percent:	0.0000	0.2282	0.0000	0.0098	0.0000	0.0849	0.0194	0.0000	0.1543	0.4195

#5

## Daily Rainfall Log

For the Month of: February 2014

Date	
2/1/2014	0
2/2/2014	1.29
2/3/2014	.29
2/4/2014	.78
2/5/2014	.21
2/6/2014	0
2/7/2014	0

Date	
2/8/2014	.05
2/9/2014	.06
2/10/2014	0
2/11/2014	0
2/12/2014	0
2/13/2014	0
2/14/2014	.71

Date	
2/15/2014	.02
2/16/2014	0
2/17/2014	.36
2/18/2014	0
2/19/2014	.70
2/20/2014	.65
2/21/2014	.43

Date	
2/22/2014	0
2/23/2014	0
2/24/2014	0
2/25/2014	0
2/26/2014	0
2/27/2014	0
2/28/2014	0

Date	

Litter Shed

2-4 OK  
 2-13 OK  
 2-18 OK  
 2-27 OK

5.45" total





Michael and Deborah Brown  
Brown Family Farms  
301 Rich Lane  
Pall Mall, TN 38577

March 3, 2014

Tennessee Division of Water Pollution Control  
Enforcement and Compliance Section  
Attention: Compliance Review  
6<sup>th</sup> Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

Re: Annual Compliance Report  
Brown Family Farms – SOPC00084  
Pickett County, TN

Gentlemen:

It has been recently brought to my attention that I am required to make an annual report to your division. I have been unable to find a specific form so I am reporting my data in a letter format.

5.3 Annual Report

- a) The number and types of animals on site whether in open confinement or housed under roof; We maintain 84,000 broiler poultry, housed under roof.
- b) Estimated amount of total manure and/or litter generated by the CAFO in previous calendar year (tons/gallons); Approximately 600 tons
- c) Estimated amount of total manure, and/or litter transferred to a third party by the CAFO in the previous calendar year (tons/gallons); Approximately 553 tons
- d) Total number of acres for land application covered by the nutrient management plan; 25
- e) Total number of acres under control of the CAFO that were used for land application of manure, litter and process wastewater in the previous calendar year; 70
- f) A statement indicating whether the current version of the CAFO's nutrient management plan was developed or approved by a certified nutrient management planner. Our nutrient management plan was prepared by Validus.

If there is a specific form that you need filled out please email it to us at: [debcbrown@hotmail.com](mailto:debcbrown@hotmail.com). We have looked through our paperwork and online and are unable to locate one.

Thank you for your patience and understanding.

Sincerely,  
  
Michael Brown

Cc: Johnny K. Walker  
Greta Hurst